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District: - Bikaner

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Weather Forecast and Agromet Advisory

Period 26th March 2024 to 30th March 2024

Weather review of last week: During this period the maximum temperature ranged between 32.0 to 38.0 °C and the minimum temperature ranged between 16.0 to 21.0°C. During this period, low wind speed observed with RH values of 11 % to 78%.	Weather forecast for the coming week: On the basis of the information received from the India Meteorological Department, New Delhi and Regional Meteorological Centre, Jaipur, weather for the next 5 days in Bikaner district (26.03.2024 to 30.03.2024) Cloudy on 26.03.2024, dense cloudy on 27.03.2024, Clear sky on 28.03.2024 to 29.03.2024 and partially cloudy on 30.03.2024. T _{min} will possibly range between 22.0-25.0°C and the T _{max} is likely to remain between 36.0-39.0 °C. During this period, high winds velocity are likely to blow from the West-South-West and West directions.
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Weather Parameter	Date				
	26.03.2024	27.03.2024	28.03.2024	29.03.2024	30.03.2024
Rainfall (mm)	0	0	0	0	0
Cloud cover	Cloudy	Dense Cloudy	Clear Sky	Clear Sky	Partially Cloudy
Temperature Maximum (° C)	39	39	39	38	36
Temperature Minimum (° C)	24	25	24	24	22
Wind direction	WSW	W	WSW	WSW	WSW
Maximum Relative humidity (%)	23	23	28	22	24
Minimum Relative humidity (%)	13	11	10	9	9
Wind velocity(km/hr)	10	14	10	18	18
Cumulative rains (mm)	00.00				

Agro Advisory: Based on the weather review of last week and the weather forecast for this week, the following advice is given to the farmer.

Specifications	High temperature may increase the water demand of the <i>rabi</i> crops. Therefore irrigate the crops as and when crops show wilting symptoms and as per need on the basis of critical growth stages. Keep the harvested Rabi crops and crop products at a safe place.		
Crop	Stage	Details	Agro Advisory
Wheat	Grain development and maturity	Irrigation	In timely sown wheat crop, provide the 6 th irrigation at grain ripening stage (105-110 DAS). In late sown wheat crop, provide the 5 th irrigation at 14-21 days after 4 th irrigation.
		Terminal heat management	In late sown heat, to avoid the damage caused by terminal heat in case of sudden rise in temperature, sprays of potassium chloride 0.2 per cent at heading stage may reduce the losses.
Chick pea	Maturity	Harvesting	To prevent scattering of pods of gram, crop harvest timely.
Mustrad	Maturity	Harvesting	To prevent scattering of pods of mustard, crop harvest at physiological maturity stage.
Fenugreek	Maturity	Harvesting	In timely sown fenugreek crop, to prevent scattering of pods crop harvest timely.
Horticulture		Irrigation	Timely irrigate the horticultural crops.
Livestock		Health management	Adopt preventive measures against mastitis in milch animals. Vaccinate the livestock animals against foot and mouth disease and provide oral dose of medicine against stomach worms. Provide good quality drinking water to animals.

**Assistant Professor and Technical Officer
Gramin Krishi Mausam Sewa**

**Zonal Director Research and
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